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WHAT IS CLAIMED IS:

1. A woven scrim made of thermoplastic tapes, said tapes being woven so as to form a plurality of oblique bands on a surface of said
5 scrim, comprising:
- (a) a first set of tapes generally parallel to each other;
 - (b) a second set of tapes generally parallel to each other and
10 perpendicular to said first set of tapes;
 - (c) said tapes in said first set forming a repeating pattern of units comprising crossings-over and crossings-under of said tapes of said second set, each of said units comprising a
15 sequential crossing-over of at least two and crossing-under of at least one, successive tapes in said second set;
 - (d) said pattern, with respect to each successive tape in said first set, being shifted in position by at least one tape of
20 said second set; and
 - (e) said crossings-over of said tapes of said first set collectively forming said oblique bands on said surface of said scrim.
- 25 2. A woven scrim according to claim 1 wherein each of said units comprises a sequential crossing-over of two and crossing-under of two successive tapes in said second set.
- 30 3. A woven scrim according to claim 1 wherein each of said units comprises a sequential crossing-over of three and crossing-under of three successive tapes in said second set.

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4. A woven scrim according to claim 1 wherein each of said units comprises a sequential crossing-over of four and crossing-under of four successive tapes in said second set.
- 5 5. A woven scrim according to claim 1 wherein each of said units comprises a sequential crossing-over of three and crossing-under of one successive tapes in said second set.
- 10 6. A woven scrim according to claim 1 wherein each of said units comprises a sequential crossing-over of one and crossing-under of two and crossing-over of two and crossing-under of one successive tapes in said second set.
- 15 7. A woven scrim according to claim 1 wherein each of said units comprises a sequential crossing-over of one and crossing-under of three and crossing-over of three and crossing-under of one successive tapes in said second set.
- 20 8. A woven scrim made of thermoplastic tapes, comprising:
- (a) a plurality of warp tapes in a substantially parallel side-by-side relationship;
- (b) a plurality of weft tapes in a substantially parallel side-by-side relationship;
- 25 (c) said warp tapes and said weft tapes being woven together in a twill weave.
- 30 9. A woven scrim according to claim 1 or 8 wherein said tapes have a width in the range of 1 to 10 mm.

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10. A woven scrim according to claim 1 or 8 wherein said tapes have a thickness in the range of 0.02 to 0.1 mm.
11. A woven scrim according to claim 1 or 8 wherein said tapes have
5 a weight in the range of 500 to 3000 grams per 10,000 meters.
12. A woven scrim according to claim 1 or 8 wherein said tapes include color pigment.
- 10 13. A woven scrim according to claim 1 or 8 wherein said tapes comprise polyolefin resin.
14. A woven according to claim 13 wherein said tapes comprise high density polyethylene.
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15. A woven scrim according to claim 13 wherein said tapes comprise polypropylene.
16. A woven scrim according to claim 1 or 8 wherein said tapes
20 include a UV-resistant composition.
17. A woven scrim according to claim 1 or 8 wherein said tapes include a flame-retardant composition.
- 25 18. A woven scrim according to claim 1 or 8 wherein said scrim further includes reinforcing threads or reinforcing tapes grouped with at least some of said tapes of said scrim.
19. A woven scrim according to claim 1 or 8 wherein said scrim
30 further includes reinforcing threads or reinforcing tapes replacing at least some of said tapes of said scrim.

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20. A woven scrim according to claim 18 or 19 wherein some of said tapes are warp tapes and said reinforcing threads or reinforcing tapes replace at least some of said warp tapes.
- 5 21. A woven scrim according to claim 20 wherein said reinforcing threads or reinforcing tapes replace at least some of said warp tapes proximate to outer edges of said woven scrim.
- 10 22. A woven scrim according to any one of claims 18 - 21 wherein said reinforcing tapes or reinforcing threads comprise polyolefin resin.
23. A woven scrim according to any one of claims 18 - 21 wherein said reinforcing tapes or reinforcing threads comprise polyester resin.
- 15 24. A fabric comprising a woven scrim according to claim 1 or 8 laminated on one or both sides thereof to a waterproof thermoplastic film.
- 20 25. A fabric according to claim 24 wherein said film comprises polyolefin resin.
26. A fabric according to claim 24 wherein said film contains a UV-resistant composition.
- 25 27. A fabric according to claim 24 wherein said film contains a flame-retardant composition.
28. A fabric comprising a woven scrim according to claim 1 or 8 laminated on one or both sides thereof to a layer of slip-resistant material.
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29. A fabric comprising a woven scrim according to claim 1 or 8 laminated on at least one side thereof to a metalized film.

30. A fabric comprising a woven scrim according to claim 1 or 8
5 laminated on one or both sides thereof to a layer of water-absorbent material.

31. A fabric according to claim 30 wherein said water-absorbent material is paper.

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32. A fabric according to claim 30 wherein said water-absorbent material comprises non-woven thermoplastic fibres.

33. The use of the scrim of claim 1 or 8 as an industrial fabric,
15 construction fabric or landfill cover.

34. The use of the fabric of any one of claims 24 - 32 as an industrial fabric, tarpaulin, landfill cover, construction fabric or agricultural fabric.

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